

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	27	703/17.ccls. and @pd>="20071101"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/07/24 14:00
L7	193	(prototype near select\$4) and @ad<"20000401"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/07/24 14:04
L8	102	(cumulative near (probability or density or distribution)) and training and @ad<"20000401"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/07/24 14:14


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[Information-Based Objective Functions for Active Data Selection](#) - all 16 versions »

DJC MacKay - Neural Computation, 1992 - MIT Press

... each objective function leads to a different **data selection** criterion. ... on principles for selecting a subset of that **data** for efficient **training**; the entire ...

Cited by 314 - [Related Articles](#) - [Web Search](#)

[Feature Selection: Evaluation, Application, and Small Sample Performance](#) - all 22 versions »

A Jain, D Zongker - 1997 - doi.ieeeecs.org

... different texture models. We also show the pitfalls of using feature **selection** with limited **training data**. By using feature **selection** ...

Cited by 676 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[... Selection and Initial Conditions in Duration Models: Evidence from Experimental Data on Training](#) - all 3 versions »

JC Ham, RJ LaLonde - Econometrica, 1996 - JSTOR

... Consequently, even. **SAMPLE SELECTION AND INITIAL CONDITIONS** 177 when using experimental **data**, evaluations of **training's** effect on employment and unemployment ...

Cited by 169 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[\[PDF\] Irrelevant features and the subset selection problem](#) - all 17 versions »

GH John, R Kohavi, K Pfleger - Proceedings of the Eleventh International Conference on ..., 1994 - machinelearning.net

... We describe a method for feature subset **selection** using cross ... classify a large subset of the **training** set, and ... not so complex that they begin to overfit the **data**. ...

Cited by 968 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[\[PDF\] Feature selection for SVMs](#) - all 29 versions »

J Weston, S Mukherjee, O Chapelle, M Pontil, T ... - Advances in Neural Information Processing Systems, 2000 - cbcl.mit.edu

... **training** a SVM just a few times, which can be fast. 5 Experiments 5.1 Toy **data** We compared standard SVMs, our feature **selection** algorithms and three classical ...

Cited by 341 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[A sequential algorithm for training text classifiers](#) - all 16 versions »

DD Lewis, WA Gale - Proceedings of the 17th annual international ACM SIGIR ..., 1994 - portal.acm.org

... ences the **selection** of later ones [6]. This paper describes an alternative sequential ... the set of all classifiers consistent with the labeled **training data** [12 ...

Cited by 460 - [Related Articles](#) - [Web Search](#)

[Feature Subset Selection Using a Genetic Algorithm](#) - all 20 versions »

J Yang, V Honavar - 1998 - doi.ieeeecs.org

... pattern classifiers, the use of genetic algorithms for subset **selection** presents some ... necessary, it can result in overfitting of the **training data**, which leads ...

Cited by 417 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Model Selection for Support Vector Machines](#) - all 10 versions »

O Chapelle, V Vapnik - Advances in Neural Information Processing Systems 12: ..., 2000 - books.google.com


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reference selection nearest

1980

- 2000

Search

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Scholar [All articles](#) - [Recent articles](#) Results 1 - 10 of about 32,700 for **reference selection nearest**

Spectroscopy and photometry of elliptical galaxies. VI-Sample **selection** and data summary - all 2 versions »

SM Faber, G Wegner, D Burstein, RL Davies, A ... - 1989 - adsabs.harvard.edu

... presented for a survey of the **nearest** and brightest ... Information is provided on the **selection** and completeness ... **Reference 0** **Reference 1** **Reference 2** **Reference 3** ...

Cited by 548 - [Related Articles](#) - [Web Search](#)

[PDF] Prototype and feature **selection** by sampling and random mutation hill climbing algorithms - all 11 versions »

DB Skalak - Proceedings of the Eleventh International Conference on ..., 1994 - machinelearning.net

... Reducing the number of instances used for **nearest** neighbor retrieval has been ... for some time, where it is sometimes called the "**reference selection** problem ...

Cited by 252 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Nearest neighbor classifier: Simultaneous editing and feature **selection** - all 10 versions »

LI Kuncheva, LC Jain - Pattern Recognition Letters, 1999 - Elsevier

... **Nearest** neighbor classifiers demand significant computational resources (time and memory). Editing of the **reference** set and feature **selection** are two different ...

Cited by 54 - [Related Articles](#) - [Web Search](#)

Editing for the k-**nearest** neighbors rule by a genetic algorithm - all 6 versions »

LI Kuncheva - Pattern Recognition Letters, 1995 - Elsevier

... A genetic algorithm is applied for selecting a **reference** set for the k-**Nearest** Neighbors rule. ... with the standard k-NN, random **selection**, Wilson's technique ...

Cited by 78 - [Related Articles](#) - [Web Search](#)

Prototype **selection** for the **nearest** neighbour rule through proximity graphs - all 3 versions »

JS Sánchez, F Pla, FJ Ferri - Pattern Recognition Letters, 1997 - Elsevier

... The **Nearest** Neighbour (NN) rule has been in practice ... Prototype **Selection** (PS) techniques have been proposed as a ... in the case in which the **reference** set size ...

Cited by 40 - [Related Articles](#) - [Web Search](#)

[PDF] Molecular dynamics with multiple time scales: The **selection** of efficient **reference** system

... - all 6 versions »

SJ Stuart - The Journal of Chemical Physics, 1996 - cs.unc.edu

Page 1. Molecular dynamics with multiple time scales: The **selection** of efficient **reference** system propagators Steven J. Stuart, Ruhong ...

Cited by 49 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[PDF] Using a genetic algorithm to learn prototypes for case retrieval and classification - all 2 versions »

DB Skalak - Proceeding of the AAAI-93 Case-Based Reasoning Workshop, 1994 - cs.aue.auc.dk

... as the "**reference selection** problem." Approaches to the problem have included storing misclassified instances (eg, the Condensed **Nearest** Neighbor algorithm ...

Cited by 23 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Fitness functions in editing k-NN **reference** set by genetic algorithms - all 5 versions »


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reference selection nearest neighbor

1980

- 2000

Search

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[\[PDF\] Prototype and feature selection by sampling and random mutation hill climbing algorithms](#)
- all 11 versions »

DB Skalak - Proceedings of the Eleventh International Conference on ..., 1994 - machinelearning.net

... the features used in the **nearest neighbor** computation ... number of instances used for
nearest neighbor ... it is sometimes called the "reference selection problem" ...

Cited by 252 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Nearest neighbor classifier: Simultaneous editing and feature selection](#) - all 10 versions »

LI Kuncheva, LC Jain - Pattern Recognition Letters, 1999 - Elsevier

... Feature **selection**: evaluation, application and small sample performance ... Editing for
the **k-nearest neighbors** rule by a ... functions in editing **k-nn reference** set by ...

Cited by 54 - [Related Articles](#) - [Web Search](#)

[Editing for the k-nearest neighbors rule by a genetic algorithm](#) - all 6 versions »

LI Kuncheva - Pattern Recognition Letters, 1995 - Elsevier

... to more than one class): Condensed **Nearest Neighbor** rule (CNN ... favorably to those
with the unedited **reference** set and with random **selection**, although the ...

Cited by 78 - [Related Articles](#) - [Web Search](#)

[Discriminant adaptive nearest neighbor classification](#) - all 8 versions »

T Hastie, R Tibshirani - Pattern Analysis and Machine Intelligence, IEEE Transactions ..., 1996 -
ieeexplore.ieee.org

... in the training set to x_0 and then classify x_0 as the most frequent class among
the **K neighbors**. ... **Reference** [41] shows that the one **nearest neighbor** rule has ...

Cited by 292 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Spatial filter selection for EEG-based communication](#) - all 3 versions »

DJ McFarland, LM McCane, SV David, JR Wolpaw - Electroencephalography and Clinical Neurophysiology, 1997
- Elsevier

... Thus, spatial filter **selection** is best effected by ... it was the set of next-nearest-
neighbor electrodes. ... the small Laplacian and smallest for the ear **reference**. ...

Cited by 117 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Fitness functions in editing k-NN reference set by genetic algorithms](#) - all 5 versions »

LI Kuncheva - Pattern Recognition, 1997 - Elsevier

... belong to class i , among the k **nearest** to Z_j ... are presented in Tables 1 and 2. 2.

Random **selection**. Five **reference** sets of cardinality I have been generated ...

Cited by 43 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[A weighted nearest neighbor algorithm for learning with symbolic features](#) - all 14 versions »

S Cost, S Salzberg - Machine Learning, 1993 - Springer

... A Weighted **Nearest Neighbor** Algorithm for ... We introduce a **nearest neighbor**
algorithm for learning in domains with symbolic features. ...

Cited by 492 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[... N random coil NMR chemical shifts of the common amino acids. I. Investigations of
nearest-neighbor ...](#) - all 3 versions »



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prototype selection nearest neighbor

1980

- 2000

Ad
Sc
Sc

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[PS] PROTOTYPE SELECTION FOR COMPOSITE NEAREST NEIGHBOR CLASSIFIERS - all 8 versions »

DB SKALAK - 1997 - cs.cornell.edu

Page 1. **PROTOTYPE SELECTION FOR COMPOSITE NEAREST NEIGHBOR CLASSIFIERS** A Dissertation

Presented by ... 2.5.2 **Prototype Selection for Nearest Neighbor** Classifiers ...

Cited by 58 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[PDF] Prototype and feature selection by sampling and random mutation hill climbing algorithms - all 11 versions »

DB Skalak - Proceedings of the Eleventh International Conference on ..., 1994 - machinelearning.net

... separation of classes moots the **selection** of a **prototype**, since any instance in an isolated class may give perfect accuracy via a **nearest neighbor** algorithm. ...

Cited by 252 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Nearest prototype classification: clustering, genetic algorithms, or random search?

LI Kuncheva, JC Bezdek - Systems, Man and Cybernetics, Part C, IEEE Transactions on, 1998 - ieeexplore.ieee.org

... The NPC can be regarded as the one-**nearest-neighbor** (1- NN) rule where the ... The problem here is to design a good **prototype** set that will ... 1. • **Selection**, Fig. ...

Cited by 80 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Average-case analysis of a nearest neighbor algorithm - all 2 versions »

P Langley, W Iba - Proceedings of IJCAI-93, 1993 - citeseer.ist.psu.edu

... for machine learning (context) - Quinlan - 1993 6: **Prototype** and feature **selection** by sampling and ... Average-case analysis of a **nearest neighbor** algorithm. ...

Cited by 77 - [Related Articles](#) - [Cached](#) - [Web Search](#) - [BL Direct](#)

[PDF] Combining nearest neighbor classifiers through multiple feature subsets - all 6 versions »

SD Bay - Proceedings of the Fifteenth International Conference on ..., 1998 - isle.org

... **neighbors** kNN 3. By using the **nearest neighbor** classier in the MFS scheme we lose its asymptotic optimality properties. ... 2.2 **PARAMETER SELECTION** ...

Cited by 74 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Nearest neighbor classifier: Simultaneous editing and feature selection - all 10 versions »

LI Kuncheva, LC Jain - Pattern Recognition Letters, 1999 - Elsevier

... The condensed **nearest neighbor** rule. ... Editing for the k-**nearest neighbors** rule by a genetic algorithm ... On **prototype selection**: Genetic algorithms or random search ...

Cited by 54 - [Related Articles](#) - [Web Search](#)

[PDF] Nearest neighbor classification from multiple feature subsets - all 7 versions »

SD Bay - Intelligent Data Analysis, 1999 - isle.org

... examples were added to the **prototype** set until ... **Nearest Neighbor** classiers, however, are extremelysensitive to the ... and contrast random **selection** of patterns and ...

Cited by 54 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Data Compression and Local Metrics for Nearest Neighbor Classification - all 14 versions »

F Ricci, P Avesani - 1999 - doi.ieeeecs.org

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"selecting typical instances"

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Selecting typical instances in instance-based learning

Selecting typical instances in instance-based learning. Source, Proceedings of the ninth international workshop on Machine learning table of contents ...

portal.acm.org/citation.cfm?coll=GUIDE&dl=GUIDE&id=142091 - [Similar pages](#)

Selecting relevant instances for efficient and accurate ...

16 Jianping Zhang, **Selecting typical instances** in instance-based learning, Proceedings of the ninth international workshop on Machine learning, p.470-479, ...

portal.acm.org/citation.cfm?id=502585.502626 - [Similar pages](#)

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Selecting Typical Instances in Instance-Based Learning — CiteSeerX ...

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CiteULike: Selecting typical instances in instance-based learning

TY - CONF ID - Zhang92 L3 - citeulike-article-id:933075 TI - **Selecting typical instances** in instance-based learning T2 - Proceedings of the International ...

www.citeulike.org/group/1778/article/933075 - 31k - [Cached](#) - [Similar pages](#)

Selecting Typical Instances in Instance-Based Learning

Selecting Typical Instances in Instance-Based Learning. Jianping Zhang. Journal Title: International Conference on Machine Learning. Date: 1992 ...

wotan.liu.edu/docis/dbl/icml/1992_470_STIIL.htm - 4k - [Cached](#) - [Similar pages](#)

Selecting Typical Instances in Instance-Based Learning. | D2R ...

Selecting Typical Instances in Instance-Based Learning. Resource URI:

<http://www4.wiwiw.fu-berlin.de/dblp/resource/record/conf/icml/Zhang92> ...

www4.wiwiw.fu-berlin.de/dblp/resource/record/conf/icml/Zhang92 - 6k -

[Cached](#) - [Similar pages](#)

[PPT] Data Mining and Knowledge Discovery – CO832 Classification (4 ...

File Format: Microsoft Powerpoint - [View as HTML](#)

Selecting Typical Instances (1). One can select one or a few typical ... **Selecting Typical Instances** (3). How to select the typical instance(s) for each ...

www.cs.kent.ac.uk/teaching/this_year/modules/CO/8/32/DMKD-Lect-07-IBL.ppt -

[Similar pages](#)

Selecting Relevant Instances for Efficient and Accurate ...

46 **Selecting Typical Instances** in Instance-Based Learning (context) - Zhang - 1992 ACM

DBLP 27 Lazy Learning (context) - Aha - 1997 ACM ...

citeseer.ist.psu.edu/yu01selecting.html - 23k - [Cached](#) - [Similar pages](#)

Breast Cancer Wisconsin Data Base

Selecting typical instances in instance-based learning. In (it Proceedings of the Ninth International Machine Learning Conference) (pp. 470–479). ...

www.aillab.si/orange/doc/datasets/breast-cancer-wisconsin.htm - 12k -

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prototype selection

1980

- 2000

Search

Ad
Sc
Sc

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[PS] **PROTOTYPE SELECTION FOR COMPOSITE NEAREST NEIGHBOR CLASSIFIERS** - all 8 versions »

DB SKALAK - 1997 - cs.cornell.edu

PROTOTYPE SELECTION FOR COMPOSITE NEAREST NEIGHBOR CLASSIFIERS A Dissertation Presented ...

Page 3. **PROTOTYPE SELECTION FOR COMPOSITE NEAREST NEIGHBOR CLASSIFIERS** ...

Cited by 58 - Related Articles - View as HTML - Web Search

Prototype selection for the nearest neighbour rule through proximity graphs - all 3 versions »

JS Sánchez, F Pla, FJ Ferri - Pattern Recognition Letters, 1997 - Elsevier

... **Prototype selection** for the nearest neighbour rule ... Keywords: Nearest neighbour;

Prototype selection; Gabriel graph; Relative neighbourhood graph ...

Cited by 40 - Related Articles - Web Search

Nearest prototype classification: clustering, genetic algorithms, or random search?

LI Kuncheva, JC Bezdek - Systems, Man and Cybernetics, Part C, IEEE Transactions on, 1998 - ieeexplore.ieee.org

... to be kept is small. The GA and RS algorithms for **S-prototype selection** are described in Section II. The methods and results for ...

Cited by 80 - Related Articles - Web Search - BL Direct

[PDF] **Prototype and feature selection by sampling and random mutation hill climbing algorithms** - all 11 versions »

DB Skalak - Proceedings of the Eleventh International Conference on ..., 1994 - machinelearning.net

... An approach to **prototype selection** based on random mutation search is described next. 2.2 Random mutation hill climbing 2.2.1 The algorithm (RMHC) ...

Cited by 252 - Related Articles - View as HTML - Web Search

Learning prototype-selection rules for case-based iterative design - all 3 versions »

M Schwabacher, H Hirsh, T Ellman - Artificial Intelligence for Applications, 1994., Proceedings ..., 1994 - ieeexplore.ieee.org

... Second, **prototype selection** may impact quality when the design process is guided by a nonlinear evaluation function with unknown global properties. ...

Cited by 11 - Related Articles - Web Search

[CITATION] **Intelligent Real Time Design Application to Prototype Selection**

SR Bradley, AM Agogino - Artificial Intelligence in Design, 1991

Cited by 8 - Related Articles - Web Search

A prototype expert system for the evaluation and selection of potential suppliers - all 2 versions »

RJ Vokurka, J Choobineh, L Vadi - International Journal of Operations & Production Management, 1996 - emeraldinsight.com

... of the system In order to investigate the appropriateness of a system for the evaluation and **selection** of potential suppliers, a **prototype** expert system ...

Cited by 74 - Related Articles - Web Search - BL Direct



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prototype selection binning

1980

- 2000

Ad
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Sc

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Explaining the biasing effects of performance cues in terms of cognitive categorization

JF **Binning**, AJ Zaba, JC Whattam - Academy of Management Journal, 1986 - JSTOR
... argument for using interviews in **selection** processes is to ... **Binning** and Lord (1980)
showed that the degree of ... to elicit fairly accurate **prototype**-based ratings. ...
Cited by 22 - [Related Articles](#) - [Web Search](#)

[DOC] **High-speed CCD movie camera with random pixel selection, for neurobiology research - all 4 versions »**

SM Potter, AN Mart, J Pine - SPIE Proceedings, 1997 - neuro.gatech.edu
... of these systems permit the **selection** of arbitrary ... and attain their modest speedup
by **binning** of rectangular ... and Jim Janesick for providing **prototype** CCD chips ...
Cited by 12 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Frame-transfer CMOS active pixel sensor with pixel binning - all 2 versions »

Z Zhou, B Pain, ER Fossum - Electron Devices, IEEE Transactions on, 1997 - ieeexplore.ieee.org
... In this work, a small **prototype** CMOS APS with ... via C Sel, without resetting the HCIA
between **selection** of successive ... the HCIA represents a 2-D **binning** of pixels ...
Cited by 23 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Theoretical study of halobenzenium ions

RC **Binning** Jr, KM Sando - Journal of the American Chemical Society, 1980 - pubs.acs.org
... Robert C. **Binning**, Jr., and Kenneth M. Sando ... is studied theoretically as a **prototype**
electrophilic aromatic ... Emphasis is on position **selection** in electrophilic ...
[Related Articles](#) - [Web Search](#)

[CITATION] **Financial evaluation of research and development projects**

KGH **Binning** - Managing Technological Innovation, 1986 - Longman Publishing Group
[Related Articles](#) - [Web Search](#)

[PDF] **Binning: Converting Numerical Classification into Text Classification - all 6 versions »**

AA Dayanik, SA Macskassy, H Hirsh - 2000 - research.rutgers.edu
... We do not optimize the **selection** of this parame ... lessthansplit3, lessthansplit4} will
be the **binning** represen- tation ... the learn- ing phase, a **prototype** vector is ...
[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[PDF] **Storage management for high energy physics applications - all 10 versions »**

A Shoshani, LM Bernardo, H Nordberg, D Rotem, A ... - Computing in High Energy Physics, 1998 - hep.net
... we applied the same principles in the development of a **prototype** for Climate ... The
selection of properties to cluster on and the **binning** specification is done ...
Cited by 17 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[PDF] **481 Prototypical Commercial Buildings for 20 Urban Market Areas - all 4 versions »**

J Huang, H Akbari, L Rainer, R Ritschard - Lawrence Berkeley National Laboratory Report LBNL-29798, ..., 1991
- simulationresearch.lbl.gov
... Building **Prototype** A DOE-2 input model that is representa- tive ... Separate **bin** tables
are needed for different utility rate periods ... 1.B **SELECTION** OF MARKET AREAS ...
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binning learning

1980

- 2000

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[PS] [Supervised and unsupervised discretization of continuous features](#) - all 12 versions »

J Dougherty, R Kohavi, M Sahami - ... of the Twelfth International Conference on Machine Learning, 1995 - ifir.edu.ar

... The supervised **learning** methods are slightly better than the unsupervised methods, although even simple **binning** tends to significantly increase performance of ...

Cited by 848 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[Field Theories for Learning Probability Distributions](#) - all 7 versions »

W Bialek, CG Callan, SP Strong - Physical Review Letters, 1996 - APS

... [2]. They studied the **learning** of probability ... be derived most simply for piecewise constant approximations to $Q(x)$ âconventional **binning** procedures, with ...

Cited by 66 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Locally Weighted Learning](#) - all 10 versions »

CG Atkeson, AW Moore, S Schaal - Artificial Intelligence Review, 1997 - Springer

... Printed in the Netherlands. Locally Weighted **Learning** ... A companion paper surveys how locally weighted **learning** can be used in robot **learning** and control. ...

Cited by 689 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Machine Learning for Information Extraction in Informal Domains](#) - all 17 versions »

D Freitag - Machine Learning, 2000 - Springer

... 2.2. Term-space **learning** ... During testing, we use a frequency polygon drawn over these **bin** counts to estimate the position prior. ...

Cited by 189 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[PDF] [Learning to extract symbolic knowledge from the World Wide Web](#) - all 17 versions »

M Craven, D DiPasquo, D Freitag, A McCallum, T ... - Proc. AAAI, 1998 - reports-archive.adm.cs.cmu.edu

Page 1. **Learning** to Extract Symbolic Knowledge from the World Wide Web Mark Craven

Dan DiPasquo Dayne Freitag ... 10 5. **Learning** to Recognize Class Instances 11 ...

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[PDF] [Weka: Practical Machine Learning Tools and Techniques with Java Implementations](#) - all 4 versions »

IH Witten, E Frank, L Trigg, M Hall, G Holmes, SJ ... - ICONIP/ANZIIS/ANNES, 1999 - cs.waikato.ac.nz

... The unsupervised method implements equal width **binning**. ... In some applications, it is appropriate to transform a numeric attribute before a **learning** scheme is ...

Cited by 77 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[CITATION] [AB Initio Study of the Structure and Spectroscopic Properties of Halogenated Thioperoxy Radicals](#)

LA Munoz, RC Binning - NASA University Research Centers Technical Advances in ..., 1997

[Web Search](#)

[PDF] [Binning: Converting Numerical Classification into Text Classification](#) - all 6 versions »

AA Dayanik, SA Macskassy, H Hirsh - 2000 - research.rutgers.edu

... feature-only datasets from the UCI Repository, suggesting that text-classification methods, coupled with **binning**, can serve as a credible **learning** approach for ...


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[PS] [Supervised and unsupervised discretization of continuous features](#) - all 12 versions »

J Dougherty, R Kohavi, M Sahami - Proceedings of the Twelfth International Conference on ..., 1995 - ifir.edu.ar
... Several discretization methods, such as **equal width interval binning**, do not make use of instance labels in the discretization process. ...

Cited by 848 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[CITATION] [Discretization methods in data mining](#)

HS Nguyen, SH Nguyen - Rough Sets in Knowledge Discovery, 1998 - Heidelberg: Physica-Verlag

Cited by 72 - [Web Search](#)

[CITATION] [BIN PACKING WITH ITEMS UNIFORMLY DISTRIBUTED OVER INTERVALS](#) [a, 6]

GS Lueker - 24th Annual Symposium on Foundations of Computer Science: ..., 1983 - IEEE

Cited by 25 - [Web Search](#)

[Dynamic discretization of continuous attributes](#) - all 7 versions »

J Gama, L Torgo, C Soares - Proceedings of the Sixth Ibero-American Conference on AI, 1998 - Springer
... Into k bins where (given m instances) each **bin** contains m ... distance and maximizes the inter-**interval** distance ... It begins with an **equal width** distribution of the ...

Cited by 22 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[PDF] [P-SV stacking charts and binning periodicity](#) - all 4 versions »

DWS Eaton, DC Lawton - Geophysics, 1992 - crewes.org

... sometimes possible to select a "natural" **bin interval** that produces a constant fold, analogous to CMP sorting. ... By using a **bin width** (w) **equal** to Δr rather ...

Cited by 10 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Stochastic robustness of linear time-invariant control systems](#) - all 2 versions »

RF Stengel, LE Ryan - Automatic Control, IEEE Transactions on, 1991 - ieeexplore.ieee.org

... take maximum or minimum values with **equal** probability, the ... **Interval width** is given as system with Gaussian damping ... and the required num- right-half plane **bin**. ...

Cited by 84 - [Related Articles](#) - [Web Search](#)

[Principles and practical application of the receiver-operating characteristic analysis for ...](#) - all 7 versions »

M Greiner, D Pfeiffer, RD Smith - Preventive Veterinary Medicine, 2000 - Elsevier

... The use of a constant, small **bin (interval) width** is always valid ... of $k=201$ would yield a **bin width** of 0.01. ... The AUC statistic gives **equal** weighting to Se and Sp ...

Cited by 199 - [Related Articles](#) - [Web Search](#)

[Violin Plots: A Box Plot-Density Trace Synergism.](#) - all 7 versions »

JL Hintze, RD Nelson - The American Statistician, 1998 - questia.com

... the **bin width** in the histogram, the **interval width** h, which ... is a uniform distribution on the **interval** [-10, 10 ... traces so that their maximum heights are **equal**. ...

Cited by 28 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Surface magnetic fields during the solar activity cycle](#) - all 3 versions »

R Howard, BJ Labonte - Solar Physics, 1981 - Springer



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prototype selection bins

1980

- 2000

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Did you mean: [prototype selection binds](#)

[CHAMP: A Prototype for Automated Cellular Churn Prediction](#) - all 3 versions »

B Masand, P Datta, DR Mani, B Li - Data Mining and Knowledge Discovery, 1999 - Springer

... **BIN LI ... PROTOTYPE FOR AUTOMATED CELLULAR CHURN PREDICTION** ... Model selection and validation:

There are many prediction models in statistics, machine learning, and ...

Cited by 6 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[A mutual information measure for feature selection with application to pulse classification](#)

GL Barrows, JC Sciortino Jr - Time-Frequency and Time-Scale Analysis, 1996., Proceedings ..., 1996 - [ieeexplore.ieee.org](#)

... entropy of C given Y, is in bin b. ... was used to evaluate the above method of feature selection. ... the "training set" was split into a "prototype set" and ...

Cited by 7 - [Related Articles](#) - [Web Search](#)

[\[PS\] Shape context: A new descriptor for shape matching and object recognition](#) - all 5 versions »

S Belongie, J Malik, J Puzicha - Advances in Neural Information Processing Systems, 2000 - [http.cs.berkeley.edu](#)

... Let the K-bin (normalized) histogram at i be $g(i, k)$ and at j ... 4(a) shows the improved classification performance using this **prototype selection** strategy instead ...

Cited by 66 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[... bias estimation method in multisensor fusion for navigation by adaptive prototype selection in a bank ...](#)

I Sen, S Kang, CI Chang, H Ko - Multisensor Fusion and Integration for Intelligent Systems, ..., 1999 - [ieeexplore.ieee.org](#)

... by Adaptive **Prototype Selection** in a Bank of Kalman ... illustrating an adaptive bias **prototype** selection employed ... a substantial improvement in **bins** estimation accuracy ...

[Related Articles](#) - [Web Search](#)

[Analysis of Multi-Criteria Fire Detection Data and Early Warning Fire Detection Prototype Selection](#) - all 3 versions »

SL Rose-Pehrsson, SJ Hart, RE Shaffer, DT Gottuk, ... - 2000 - [stormingmedia.us](#)

Analysis of Multi-Criteria Fire Detection Data and Early Warning Fire Detection

Prototype Selection. Authors: Susan L. Rose-Pehrsson ...

[Web Search](#)

[On the stationary state of topologically ordered competitive learning](#)

M Lemmon - Decision and Control, 1991., Proceedings of the 30th IEEE ..., 1991 - [ieeexplore.ieee.org](#)

... 3. **Prototype-Selection** (PS) Algorithm 1. Let $v_s = 1$ and ... maps: fluctuations, stability, and dimension selection. ... objects can be divided amongst N , **bins**. ...

[Web Search](#)

[Validating a geographical image retrieval system](#) - all 9 versions »

B Zhu, H Chen - Journal of the American Society for Information Science, 2000 - [doi.wiley.com](#)

... **Bin** Zhu Management Information Systems Department, University of ... In the **prototype**


[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

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Scholar [All articles](#) - [Recent articles](#) Results **1 - 10** of about **21,300** for **equal interval widths**. (0.40

[\[PDF\]](#) [Supervised and unsupervised discretization of continuous features](#) - all 12 versions »

J Dougherty, R Kohavi, M Sahami - Proceedings of the Twelfth International Conference on ..., 1995 - ifir.edu.ar

... The simplest discretization method, **Equal Interval Width**, merely divides the range of observed values for a variable into k **equal** sized bins, where k is a user ...

Cited by 848 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[Global discretization of continuous attributes as preprocessing for machine learning](#) - all 4 versions »

MR Chmielewski, JW Grzymala-Busse - International Journal of Approximate Reasoning, 1996 - Elsevier

... The methods cited above as **equal interval width**, **equal** frequency per **interval**, and minimal class entropy are local, while cluster analysis is global. ...

Cited by 190 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Sample size for estimating multinomial proportions](#). - all 2 versions »

SK Thompson - AM. STAT., 1987 - JSTOR

... For **equal interval widths**, Agresti (1984) gave an empirical result on the "worst case" parameter vectors for small α levels, based on Monte Carlo selection of ...

Cited by 45 - [Related Articles](#) - [Web Search](#)

[Approximate Is Better Than "Exact" for Interval Estimation of Binomial Proportions](#). - all 9 versions »

A Agresti, BA Coull - The American Statistician, 1998 - questia.com

... $g(p) = 1, 0$ [less than or **equal** to] p [less than or **equal** to] 1 ... Direct comparison of the formulas for the two **interval widths** yields that the score **interval** is ...

Cited by 368 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[A spectral method for confidence interval generation and run length control in simulations](#)

P Heidelberger, PD Welch - Communications of the ACM, 1981 - portal.acm.org

... to batch means; the averages of contiguous, **equal** size blocks ... terminate the simulation when a confidence **interval** of a prescribed relative **width** has been ...

Cited by 157 - [Related Articles](#) - [Web Search](#)

[\[CITATION\] Discretization methods in data mining](#)

HS Nguyen, SH Nguyen - Rough Sets in Knowledge Discovery, 1998 - Heidelberg: Physica-Verlag

Cited by 72 - [Web Search](#)

[\[PDF\] An introduction to arithmetic coding](#) - all 8 versions »

GG Langdon - IBM Journal of Research and Development, 1984 - my.lsu.edu

... of Table 1, and referring to the previous Point 2, that the **width** or size "... 0..1)" means that 0 is included in the **interval**, and that fractions **equal** to or ...

Cited by 266 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[A practical guide to tune of proportional and integral \(PI\) likefuzzy controllers](#)

L Zheng - Fuzzy Systems, 1992., IEEE International Conference on, 1992 - ieeexplore.ieee.org

... which is obtained by fuzzy inference and defuzzification, is shown in Fig.3 (a) and (b). The **width** values in Fig.3 (a) are **equal** to the **interval** between two ...

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Training Data Selection Method for Generalization by Multilayer Neural Networks - all 3 versions »

K HARA, K NAKAYAMA - IEICE TRANSACTIONS on Fundamentals of Electronics, ..., 1998 - search.ieice.org
 ... **Training Data Selection** Method for Generalization by Multilayer Neural Networks
 Kazuyuki HARA Kenji NAKAYAMA Publication IEICE TRANSACTIONS on Fundamentals of ...
 Cited by 10 - [Related Articles](#) - [Cached](#) - [Web Search](#)

[CITATION] **The Attribute Selection Problem in Decision Tree Generation**

UM Fayyad, KB Irani - AAAI-92: Proceedings Tenth National Conference on Artificial ..., 1992 - Amer Assn for Artificial
 Cited by 137 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

... land cover classifications at 8 km spatial resolution: the use of training data derived from Landsat ... - all 6 versions »

RS De Fries, M Hansen, JRG Townshend, R Sohlberg - International Journal of Remote Sensing, 1998 - informaworld.com
 ... To identify the pixels to be used for **training** of the ... the scenes, we ® rst gathered Landsat **data** available to ... For these purchases, we based our **selection** on a ...
 Cited by 209 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[PDF] **A study of cloud classification with neural networks using spectral and textural features** - all 7 versions »

B Tian, M Shaikh - IEEE Transactions on Neural Networks, 1999 - engr.colostate.edu
 ... Half of the blocks randomly drawn from this **data** set were used for the **training** of the ... B. Feature Extraction and **Selection** In order to reduce the ...
 Cited by 52 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

Training algorithms for linear text classifiers - all 18 versions »

DD Lewis, RE Schapire, JP Callan, R Papka - Proceedings of the 19th annual international ACM SIGIR ..., 1996 - portal.acm.org
 ... The judged documents are used as **training data** to produce a more effective query and thus a new and better ranking. In text categorization, doc- ...
 Cited by 456 - [Related Articles](#) - [Web Search](#)

[PDF] **Feature subset selection: a correlation based filter approach** - all 4 versions »

MA Hall, LA Smith - Proceedings of the Fourth International Conference on Neural ..., 1997 - eng.iastate.edu
 ... runs were done with and without feature **selection** for each ... the following procedure was applied: 1) A **data** set was randomly split into a **training** and test ...
 Cited by 32 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Improving practical space-time adaptive radar

WL Melvin, MC Wicks - Radar Conference, 1997., IEEE National, 1997 - ieeexplore.ieee.org
 ... using the more homogeneous set of **training data**. ... adaptive weight computation via improved secondary **data selection**. The radar **data** under consideration is a ...
 Cited by 48 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[PS] **Novelty detection in time series data using ideas from immunology** - all 10 versions »



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prototype selection "cumulative density"

1980

- 2000

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Field measurements of a **prototype** slow frequency hop personal communication system

GM Chiasson, JF Kepler, PD Rasky, DM Tolti - Vehicular Technology Conference, 1995 IEEE 45th, 1995 - [ieeexplore.ieee.org](#)

... This effectively provides a **selection** diversity mechanism over ... of the performance of the **prototype** system over a ... of this is the **cumulative density** function (CDF ...

Cited by 3 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

New product development structures and time-to-market - all 2 versions »

S Datar, C Jordan, S Kekre, S Rajiv, K Srinivasan - Management Science, 1997 - JSTOR

... The **selection** of the interconnect data filters segment of ... gives the instantaneous rate of **prototype** completion. ... t is given by the **cumulative density** function F ...

Cited by 48 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Analyzing Employment Discrimination: From the Seminar Room to the Courtroom - all 2 versions »

MR Killingsworth - American Economic Review, 1993 - JSTOR

... of which the following is a simple **prototype**: (2a) $P1i$... F is the bivariate standard normal **cumulative density** function ... at each stage of the **selection** process for ...

Cited by 10 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Measurement of the interference rejection capability of smart antennas on mobile telephones

C Braun, M Nilsson, RD Murch - Vehicular Technology Conference, 1999 IEEE 49th, 1999 - [ieeexplore.ieee.org](#)

... **Selection** Combining, SC, simply chooses the branch which is currently ... For **prototype** 1 the resulting SINR are presented as **Cumulative Density** Functions (CDF ...

Cited by 11 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

A Method for Minimizing the Impact of Distributional Assumptions in Econometric Models for Duration ... - all 2 versions »

J Heckman, B Singer - Econometrica, 1984 - JSTOR

... KW conditions for the simple Weibull model serves as a **prototype** for verification ... in the interval $[0, 1]$. From the appropriate **cumulative density** function of 0 ...

Cited by 1134 - [Related Articles](#) - [Web Search](#)

Hybrid Slow Frequency-Hop/CDMA-TDMA as a Solution for High-Mobility, Wide-Area Personal

PD Rasky, GM Chiasson, DE Borth, M Inc - Wireless and Mobile Communications, 1994 - [books.google.com](#)

... was employed, and the **selection** of the ... precision arithmetic for the **prototype** receiver relative to ... to generate an interference **cumulative density** function for ...

Cited by 3 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Optimization design of filter banks for wavelet denoising

TOC View - Signal Processing Proceedings, 2000. WCCC-ICSP 2000. 5th ..., 2000 - [ieeexplore.ieee.org](#)

... second re- search direction is on the **selection** of optimum ... sign of a **prototype** low-pass analysis filter h_0 ... where $ag(-a)$ is the **cumulative density** function of ...

[Related Articles](#) - [Web Search](#)

Price and membership in a prepaid group medical practice - all 2 versions »

TG McGuire - Medical Care, 1981 - JSTOR

... HMO, so employees' choice is a **prototype** of the ... can at best approximate the true **cumulative density** function in ... However, **selection** by the in- vestigator of the ...

Cited by 25 - Related Articles - Web Search

Fuzzy fault tree analysis

DP Weber - Fuzzy Systems, 1994. IEEE World Congress on Computational ..., 1994 - ieeexplore.ieee.org

... A **prototype** system is programmed in the C programing language for ... Weibull graphical membership function for automating probability **selection** that transcends ...

Cited by 9 - Related Articles - Web Search

[book] Discrete Choice Theory of Product Differentiation

SP Anderson, A De Palma, JF Thisse - 1992 - books.google.com

... By introducing extra dimensions of product heterogeneity, the framework also provides richer models of firm location and product **selection**. ...

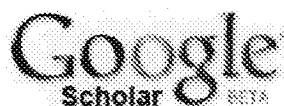
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Key authors: [S Datar](#) - [J Heckman](#) - [S Anderson](#) - [A Moore](#) - [A Aizawa](#)

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prototype selection "cumulative density" "nearest neighbor" 1980 - 2000

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[PDF] [Efficient algorithms for minimizing cross validation error - all 12 versions »](#)

AW Moore, MS Lee - Proceedings of the Eleventh International Conference on ..., 1994 - autonlab.org

... Crossvalidation is a much used, powerful method for model **selection**. ... For instance, computing the leave-one-out error for the 10-**nearest neighbor** algorithm on a ...

Cited by 162 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[CITATION] [Efficient algorithms for minimizing cross validation error](#)

MS Lee, AW Moore - Machine Learning: Proceedings of the eleventh international ..., 1994

Cited by 4 - [Related Articles](#) - [Web Search](#)

[Implementing Feedback in Simulations of Galaxy Formation: A Survey of Methods - all 6 versions »](#)

RJ Thacker, HMP Couchman - The Astrophysical Journal, 2000 - UChicago Press

... used to feedback the energy over the **nearest neighbor** particles ... feedback scheme on the time step **selection** in the ... Data from the Milky Way **prototype** runs is shown ...

Cited by 47 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[CITATION] [Thin Plate Spline Interpolation of Mean Rainfall: Getting the Temporal Statistics Correct](#)

MF Hutchinson - GIS and Environmental Modeling: Progress and Research Issues, 1996

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[CITATION] [Model-based Detection of Targets in FOPEN SAR Images](#)

I JDEMCO - Image Understanding Workshop: Proceedings of a Workshop Held ..., 1998 - Morgan Kaufmann Publishers

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Key authors: [A Moore](#) - [M Lee](#) - [R Thacker](#) - [H Couchman](#)

prototype selection "cumulative dens"

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[Do people understand spatial concepts: The case of first-order primitives - all 2 versions »](#)

RG Golledge - Theories and methods of spatiotemporal reasoning in ..., 1992 - Springer

... the next section I review a **selection** of these ... environmental cues, landmarks, nodes or

reference points, while ... **Cumulative density** plot - Theoretical and Observed ...

Cited by 34 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[\[CITATION\] A THEORETICAL PERFORMANCE ANALYSIS OF BAYESIAN AND INFORMATION THEORETIC IMAGE SEGMENTATION CRITERIA](#)

IB Kerfoot, Y Bresler - Maximum Entropy and Bayesian Methods: Paris, France, 1992: ..., 1993 - Kluwer

Academic Pub

[Web Search](#)

[Quantum section method for the soft stadium - all 2 versions »](#)

JS Espinoza Ortiz, AM Ozorio de Almeida - Physica D: Nonlinear Phenomena, 2000 - Elsevier

... Appendix A.1) makes no **reference** to the ... 8. The **cumulative density** of states for the

cases a ... of motion (good quantum number) exists, **selection** rule associated ...

[Related Articles](#) - [Web Search](#)

[Automated method and system for digital image processing of radiologic images utilizing artificial ... - all 3 versions »](#)

RS Gaborski, YMF Lure, TF Pawlicki - US Patent 5,857,030, 1999 - freepatentsonline.com

... and the advantages thereof, **reference** is now ... Additionally, a **cumulative density** function

(cdf) ranging from 0% to ... to as the Preliminary **Selection** phase, body ...

Cited by 8 - [Related Articles](#) - [Cached](#) - [Web Search](#)

[\[PS\] Independent component representations for face recognition - all 8 versions »](#)

MS Bartlett, HM Lades, TJ Sejnowski - Proceedings of the SPIE, 1998 - cni.salk.edu

... Please **reference** Bartlett, MS (1998) Face Image Analysis by unsupervised learning

and ... transfer function g is the same as the **cumulative density** functions of ...

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[Avalanches in the weakly driven Frenkel-Kontorova model - all 4 versions »](#)

FJ Elmer - Physical Review E, 1994 - APS

... (Some **reference** links may ... $2) = 4.7 \times 10^{-3}$] whereas in the case of no **selection**

$p(\pm 2 \dots$ The **cumulative density** $p(x)$ is the probability p to find an event y greater ...

Cited by 16 - [Related Articles](#) - [Web Search](#)

[Computer-based registration for digital subtraction in dental radiology - all 6 versions »](#)

TM Lehmann, HG Grondahl, DK Benn - Dentomaxillofacial Radiology, 2000 - Br Inst Radiology

... of user interaction for the determination of the transform, **selection** of image ... methods

do not require any involvement in either the **reference** or subsequent im- ...

Cited by 40 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Method and apparatus for generating images - all 3 versions »](#)

R Benjamin - US Patent 5,647,018, 1997 - freepatentsonline.com

... friendly facilities of object **selection**, enhancement, rotation ... way of example with

reference to the ... a discontinuity, in the projected **cumulative density**, and so ...

[Cited by 9](#) - [Related Articles](#) - [Cached](#) - [Web Search](#)

[On Bayesian analysis of mixtures with an unknown number of components - all 6 versions »](#)

S Richardson, PJ Green - Journal of the Royal Statistical Society, Series B, 1997 - JSTOR

[On Bayesian Analysis of Mixtures with an Unknown Number of Components](#). Sylvia

Richardson. Peter J. Green. Journal of the Royal Statistical Society. ...

[Cited by 528](#) - [Related Articles](#) - [Web Search](#)

[Concepts of Fuzzy Model Assessment](#)

SC Nardone, PR Kersten - 1994 - Storming Media

... of Inference CLOS Commn Lisp Object System CM1MA Contact management model assessment

CDF Cumulative density funimcon FLOPS ... **Reference 1** describes one such effort ...

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Key authors: [R Golledge](#) - [M Bartlett](#) - [T Lehmann](#) - [H Lades](#) - [T Sejnowski](#)

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Steady-state selection in driven diffusive systems with open boundaries - all 12 versions »

V Popkov, GM Schuetz - Europhysics Letters, 1999 - iop.org

 ... mechanisms which determine the steady-state **selection** (1), (2 ... systems with a nonlinear current-density relation. ... Since little **reference** is made to the precise ...

 Cited by 91 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Editing for the k-nearest neighbors rule by a genetic algorithm - all 6 versions »

LI Kuncheva - Pattern Recognition Letters, 1995 - Elsevier

 ... final population may serve as the **reference** set (if ... the whole initial set, with random **selection** and with ... The self-organizing reduced kernel **density** estimator. ...

 Cited by 79 - [Related Articles](#) - [Web Search](#)

A statistical comparison of voids in the galaxy distribution and n-body simulations - all 4 versions »

BS Ryden, EL Turner - The Astrophysical Journal, 1984 - adsabs.harvard.edu

 ... 13 **Reference** 14 **Reference** 15 **Reference** 16 **Reference** 17 THE ... of eliminating the effects of the **selection** bias is ... r) in which the mean number **density** of galaxies ...

 Cited by 19 - [Related Articles](#) - [Web Search](#)

A nearest neighbor bootstrap for resampling hydrologic time series - all 3 versions »

U Lall, A Sharma - Water Resources Research, 1996 - ceae.colorado.edu

 ... Objective procedures for the **selection** of the block length m are evolving. ... The k **nearest neighbor** ($A > nn$) **density** estimator is defined as [Silverman, 1986, p ...

 Cited by 86 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

LVQPAK: A software package for the correct application of Learning Vector Quantization algorithms

T Kohonen, J Kangas, J Laaksonen, K Torkkola - Neural Networks, 1992. IJCNN., International Joint ..., 1992 - ieeexplore.ieee.org

 ... 0 **selection** of a proper learning rate during the ... used to approximate to any **density** functions, but to ... Optimal values for the **reference** points are determined in ...

 Cited by 89 - [Related Articles](#) - [Web Search](#)

book Methods of multivariate analysis - all 3 versions »

AC Rencher - 1995 - doi.wiley.com

 ... 314 9.7.2 Classification Based on **Density** Estimators, 315 ... My **selection** of topics for this volume reflects many ... annoying to those using a book as a **reference**. ...

 Cited by 606 - [Related Articles](#) - [Web Search](#)

... N random coil NMR chemical shifts of the common amino acids. I. Investigations of nearest-neighbor ... - all 3 versions »

DS Wishart, CG Bigam, A Holm, RS Hodges, BD Sykes - Journal of Biomolecular NMR, 1995 - Springer

 ... while at the same time studying **nearest-neighbor** effects, it ... Among the possible 1H and 3C **reference** compounds tested ... in at least one of the **selection** criteria. ...

 Cited by 286 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Data Compression and Local Metrics for Nearest Neighbor Classification - all 14 versions »

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reference selection cumulative density

1980

- 2000

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[Evolution of Optimal Group Attack, with Particular **Reference** to Bark Beetles \(Coleoptera: Scolytidae ... - all 4 versions »](#)

AA Berryman, B Dennis, KF Raffa, NC Stenseth - Ecology, 1985 - JSTOR

... GROUP ATTACK, WITH PARTICULAR **REFERENCE** TO BARK ... Intergroup **selection** in the evolution of social ... distribution for V. The **cumulative** distribution function for G ...

Cited by 39 - [Related Articles](#) - [Web Search](#)

[Optical **selection** effects that bias quasar evolution studies - all 5 versions »](#)

EJ Wampler, D Ponz - Astrophysical Journal, 1985 - adsabs.harvard.edu

... to the sample, as the initial **selection** limits the ... Limit Number of Objects < V/Vmax>

Reference Fanti 17.65 ... Figure 6 shows the **cumulative** distribution of the PG ...

Cited by 60 - [Related Articles](#) - [Web Search](#)

[Further results on forecasting and model **selection** under asymmetric loss - all 12 versions »](#)

PF Christoffersen, FX Diebold - Journal of Applied Econometrics, 1996 - doi.wiley.com

... numerically, given the conditional **cumulative density** function F ... FORECASTING AND

MODEL **SELECTION** UNDER ASYMMETRIC LOSS ... function superimposed for **reference** on a ...

Cited by 70 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Model **selection**: an integral part of inference - all 2 versions »](#)

ST Buckland, KP Burnham, NH Augustin - Biometrics, 1997 - JSTOR

... and that choice is made with **reference** to the data ... on (0, 1) if the **cumulative** distribution function were ... framework for incorporating model **selection** bias into ...

Cited by 327 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Tools for intuition about sample **selection** bias and its correction - all 2 versions »](#)

RM Stolzenberg, DA Relles - American Sociological Review, 1997 - JSTOR

... 5) Equation B-5 can be written without **reference** to orthogonalized ... T **Selection** threshold ...

0 I(x) is the normal curve **cumulative** distribution function (area under ...

Cited by 106 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Annual variation in temperature **selection** by Atlantic cod Gadus morhua in the southern Gulf of St. ... - all 2 versions »](#)

MEP SERIES - MARINE ECOLOGY PROGRESS SERIES, 1995 - int-res.com

... distribution) as well as the measure of temperature **selection** S. All ... Percentiles are of the annual **cumulative** distribution functions of temperature (available) ...

Cited by 46 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[Modeling publication **selection** effects in meta-analysis - all 2 versions »](#)

LV Hedges - Statistical Science, 1992 - JSTOR

... MODELING PUBLICATION **SELECTION** EFFECTS 251 B~i ... It provides a **reference density** against which to ... expected **density** or **cumulative** distribution functions provides ...

Cited by 115 - [Related Articles](#) - [Web Search](#)

[New results on **selection** diversity - all 8 versions »](#)

EA Neasmith, NC Beaulieu - Communications, IEEE Transactions on, 1998 - ieeeexplore.ieee.org

... and are the respective **cumulative** distribution functions (cdf ... the solution (6) to

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prototype selection cumulative density

1980

- 2000

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Selection of the optimal prototype subset for 1-NN classification - all 5 versions »

U Lipowezky - Pattern Recognition Letters, 1998 - Elsevier

... $P(x)$ is the **cumulative** probability distribution ... and neighboring vertex values have uniform distribution. ... algorithm we have applied **prototype selection** for the ...

Cited by 16 - [Related Articles](#) - [Web Search](#)

Maximum likelihood estimation in semiparametric selection bias models with application to AIDS ... - all 10 versions »

PB Gilbert, SR Lele, Y Vardi - Biometrika, 1999 - Biometrika Trust

... ordered by a continuous distance from the **prototype** virus or ... $l_1 + \dots + l_s = 1$, where the **selection** probabilities l_i ... from the **cumulative** distribution function ...

Cited by 51 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Dynamic project selection and funding under risk: A decision tree based MILP approach - all 4 versions »

K Heidenberger - European Journal of Operational Research, 1996 - Elsevier

... invisible part of a **prototype** decision support ... probability **density** functions and (**cumulative**) distribution functions ... range of special project **selection** problems ...

Cited by 19 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

Systematic computer architecture prototyping - all 4 versions »

TM Conte - 1992 - crhc.uluc.edu

... 68 3.31: **Cumulative** distribution of nL vs. L for block size 64 bytes. ...

The **selection** of **prototype** designs from large workloads. ...

Cited by 43 - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

Pedestrian detection from a moving vehicle - all 3 versions »

DM Gavrilu - Proc. 6th European Conf. on Computer Vision, 2000 - Springer

... tracked over time; a **pre-selection** technique is ... node corresponds to matching a (**prototype**) template p ... Figure 5. It shows the **cumulative** distribution of average ...

Cited by 158 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

'Selection Bias and Self-Selection

JJ Heckman - Econometrics: The New Palgrave, 1990 - books.google.com

... and $c_i = (\ln(n_i/t_i))$ where $P()$ is the **cumulative** distribution function of a standard normal variable. When standard sample **selection** bias formulae are used ...

Cited by 35 - [Related Articles](#) - [Web Search](#)

Automatic detection of human faces in natural scene images by use of a skin color model and of ... - all 5 versions »

JC Terrillon, M David, S Akamatsu - Automatic Face and Gesture Recognition, 1998. Proceedings. ..., 1998 - [ieeexplore.ieee.org](#)

... of the present face detection **prototype** and summarize ... **Selection** of a color space

The efficiency of the ... The **cumulative** distribution of all the samples, shown in ...

Cited by 99 - [Related Articles](#) - [Web Search](#)

Field measurements of a prototype slow frequency hop personal communication system

GM Chlasson, JF Kepler, PD Rasky, DM Tolli - Vehicular Technology Conference, 1995 IEEE 45th, 1995 - [ieeexplore.ieee.org](#)

... This effectively provides a **selection** diversity mechanism over ... of the performance of the **prototype** system over a ... of this is the **cumulative density** function (CDF ...

Cited by 3 - Related Articles - Web Search - BL Direct

[A connectionist approach for clustering with applications in imageanalysis](#) - all 3 versions »

VV Vinod, S Chaudhury, J Mukherjee, S Ghose - Systems, Man and Cybernetics, IEEE Transactions on, 1994 - [ieeexplore.ieee.org](#)

... using a **prototype selection** network. The remaining elements of X are associated with these prototypes depending on their weights and distribution in the ...

Cited by 10 - Related Articles - Web Search - BL Direct

[RELPAK: A reliability & quality control software package](#) - all 3 versions »

M Bandi, CE Donaghey - Computers & Industrial Engineering, 1995 - Elsevier

... 20) Reliability Diagram (21) **Prototype** Testing (22 ... the value of the **Cumulative** Distribution Function, the ... example, the "Standby Redundancy " **selection** (Option 14 ...

Cited by 2 - Related Articles - Web Search - BL Direct

Key authors: [J Heckman](#) - [J Terrillon](#) - [P Gilbert](#) - [D Gavrila](#) - [T Conte](#)

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[Distribution of Glutamine and Asparagine Residues and Their Near Neighbors in Peptides and Proteins](#) - all 6 versions »

AB Robinson, LR Robinson - Proceedings of the National Academy of Sciences of the ..., 1991 - JSTOR

 ... The **selection** was made before any statistical ... 4. **Cumulative distribution** function of probabilities, P, for the ... P values were calculated by **reference** to normal ...

 Cited by 68 - [Related Articles](#) - [Web Search](#)

[RADAR: an in-building RF-based user location and tracking system](#) - all 61 versions »

 P Bahl, VN Padmanabhan - INFOCOM 2000, Nineteenth Annual Joint Conference of the IEEE ..., 2000 - [ieeexplore.ieee.org](#)

 ... We term our general technique **nearest neighbor(s)** in ... With strongest base station **selection**, we guess ... Figure 3 shows the **cumulative distribution** function (CDF ...

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[A statistical comparison of voids in the galaxy **distribution** and n-body simulations](#) - all 4 versions »

 BS Ryden, EL Turner - The Astrophysical Journal, 1984 - [adsabs.harvard.edu](#)

 ... 14 **Reference** 15 **Reference** 16 **Reference** 17 THE ... of eliminating the effects of the **selection** bias is to ... a Kolmogorov-Smirnov test on the **cumulative** distribu- lion ...

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[The three-dimensional **distribution** of quasars in the CTIO surveys](#) - all 3 versions »

 PS Osmer - The Astrophysical Journal, 1981 - [adsabs.harvard.edu](#)

 ... 21 **Reference** 22 **Reference** 23 **Reference** 24 THE ... a quasar occurring anywhere in the **cumulative** distribu- tion ... any uncertainty about unknown **selection** effects and ...

 Cited by 72 - [Related Articles](#) - [Web Search](#)

[\[PDF\] The **Distribution** of Galaxies in Voids](#) - all 5 versions »

 U Lindner, M Einasto, J Einasto, W Freudling, K ... - Arxiv preprint astro-ph/9604065, 1996 - [arxiv.org](#)

 ... number density on distance is mainly due to **selection** effects, ie ... **distribution** binned in shells of equal volume, b) **cumulative** unbinned **distribution**. ...

 Cited by 31 - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)

[Ak NEAREST NEIGHBOUR TEST FOR SPACE-TIME INTERACTION](#) - all 3 versions »

 GM JACQUEZ - STATISTICS IN MEDICINE, 1996 - [doi.wiley.com](#)

 ... by a data transformation, but, again, **selection** of the ... Jk is a **cumulative** measure of interaction where ... **Reference** distributions are constructed by shuffling the ...

 Cited by 53 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Complexity Analysis for Partitioning Nearest Neighbor Searching Algorithms](#) - all 9 versions »

 P Zakarauskas, JM Ozard - IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE ..., 1996 - [doi.ieeecs.org](#)

 ... of the implementation by **selection** of the ... every integer value of the **cumulative** **distribution** of patterns G ... to: [transpami@computer.org](#), and **reference** IEEECS Log ...

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BS Ryden, EL Turner - The Astrophysical Journal, 1984 - [adsabs.harvard.edu](#)

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... 21 **Reference** 22 **Reference** 23 **Reference** 24 THE ... quasar occurring anywhere in the **cumulative** distribu- tion ... can correct for the edge, **selection**, and cosmological ...

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[Do people understand spatial concepts: The case of first-order primitives - all 2 versions »](#)

RG Golledge - Theories and methods of spatiotemporal reasoning in ..., 1992 - [Springer](#)

... the next section I review a **selection** of these ... ronmental cues, landmarks, nodes or **reference** points, while ... **Cumulative density** plot - Theoretical and Observed ...

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B Mizrach - Journal of Applied Econometrics, 1992 - [doi.wiley.com](#)



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U Lipowezky - Pattern Recognition Letters, 1998 - Elsevier

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VV Vinod, S Chaudhury, J Mukherjee, S Ghose - Systems, Man and Cybernetics, IEEE Transactions on, 1994 - [ieeexplore.ieee.org](#)

... Based on the **nearest neighbor** principle, the cell marked a ... of the valleys and the total **distribution** of the ... as that of the **prototype selection** network where ...

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O Maron, AW Moore - Artificial Intelligence Review, 1997 - Springer

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... Then **Cumulative Weight** is incremented by ... IB4 assumes a uniform **distribution** for irrelevant feature ... uses a novel approach for incremental feature **selection**. ...

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[CITATION] Performance Evaluation of Shape Matching via Chord Length Distribution

AK JAIN - Digital Image Processing and Analysis, 1985 - IEEE Computer Society

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BA Whitehead, TD Choate - Neural Networks, IEEE Transactions on, 1994 - [ieeexplore.ieee.org](#)

... using various k-**nearest-neighbor** heuristics [25 ... The parameter s represents **selection** pressure in ... some specified or genetically-encoded probability **distribution**. ...

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Towards the Objective Analysis of Clouds from Satellite Imagery Data - all 5 versions »

JA Coakley Jr, DG Baldwin - Journal of Applied Meteorology, 1984 - [ams.allenpress.com](#)

... 10th percentile of the 11 -im **cumulative distribution**. ... is whether the Gaussian **distribution** that represents ... in question and its eight **nearest neighbor** subframes ...

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... Based on the **nearest neighbor** principle, the cell marked a ... of the valleys and the total distribution of the ... as that of the **prototype selection** network where ...

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DW Aha - ..., Extraction, Construction and **Selection**: A Data Mining ..., 1998 - [books.google.com](#)

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B Moghaddam, A Pentland - Pattern Analysis and Machine Intelligence, IEEE Transactions ..., 1997 - [ieeexplore.ieee.org](#)

... These likelihood functions are learned by applying **density** estimation techniques in ... 1 shows examples of the automatic **selection** of FOA for detection of faces ...



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[A cost model for nearest neighbor search in high-dimensional data space - all 11 versions »](#)

S Berchtold, C Böhm, DA Keim, HP Kriegel - Proceedings of the sixteenth ACM SIGACT-SIGMOD-SIGART ..., 1997 - portal.acm.org

... **partition** of the index structure containing partitions NPI , ... $p(r)$, $P(r)$ **distribution** function of the ... NN-dist, $E(NN\text{-}dist)$ **nearest neighbor** distance, expected ...

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[\[PDF\] Fast K-dimensional tree algorithms for nearest neighbor search with application to vector ... - all 3 versions »](#)

V Ramasubramanian, KK Paliwal - IEEE Transactions on Signal Processing, 1992 - maxwell.me.gu.edu.au

... sen axis is chosen as the **partition** value ... nary tree, with each **bucket** containing equal number of ... in first finding a tentative (current) **nearest neighbor** of the ...

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[An optimal algorithm for approximate nearest neighbor searching - all 5 versions »](#)

S Arya, DM Mount, NS Netanyahu, R Silverman, A Wu - Proceedings of the fifth annual ACM-SIAM symposium on ..., 1994 - portal.acm.org

... Since each split gives rise to a nontrivial **partition** of S , the number of splitting nodes is $O(n)$, and hence the total size of the ... **NEAREST NEIGHBOR SEARCHING** ...

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[Approximate nearest neighbors: towards removing the curse of dimensionality - all 18 versions »](#)

P Indyk, R Motwani - Proceedings of the thirtieth annual ACM symposium on Theory ..., 1998 - portal.acm.org

Approximate **Nearest Neighbors**: Towards Removing the Curse of Dimensionality ... The **nearest neighbor** problem is the following: Given a set of n points $P = \{P_i\}$, ...

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[An optimal algorithm for approximate nearest neighbor searching fixed dimensions - all 22 versions »](#)

S Arya, DM Mount, NS Netanyahu, R Silverman, AY Wu - Journal of the ACM (JACM), 1998 - portal.acm.org

... 897 Approximate **Nearest Neighbor** Searching ... not to the balance of the point **partition**.)

Intuitively, the ... than some small constant, called the **bucket** size), upon ...

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[Data structures and algorithms for nearest neighbor search in general metric spaces - all 7 versions »](#)

PN Yianilos - Proceedings of the fourth annual ACM-SIAM Symposium on ..., 1993 - portal.acm.org

... metric spaces (databases) may be pathological for **nearest neighbor** search, we are ... we assume reflects the **distribution** from which both database elements and ...

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[Fast parallel similarity search in multimedia databases - all 18 versions »](#)

S Berchtold, C Böhm, B Braunmüller, DA Keim, HP ... - Proceedings of the 1997 ACM SIGMOD international conference ..., 1997 - portal.acm.org

... This simple experiment shows that **nearest-neighbor** search can be ... cd-l). A **bucket** characterized by ... cd-]] describes a **partition** of the data space having the ...


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[CITATION] [Direct evaluation of the electron density correlation function of partially crystalline polymers](#)

GR Strobl, M Schneider - Journal of Polymer Science Polymer Physics Edition, 1980

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[The Voronoi polyhedra as tools for structure determination in simple disordered systems](#) - all 2 versions »

JCG Montoro, JLF Abascal - The Journal of Physical Chemistry, 1993 - [pubs.acs.org](#)

... In stage 2 the algorithm identifies the **nearest neighbors** of each particle. By **definition**, two particles are **nearest neighbors** if their VP's are adjacent. ...

Cited by 34 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[BOOK] [Smoothing Methods in Statistics](#) - all 2 versions »

JS Simonoff - 1996 - [books.google.com](#)

... Computational issues 11 Exercises 12 2. Simple Univariate Density Estimation 13
 2.1 The Histogram 13 2.2 The Frequency Polygon 20 2.3 Varying the **Bin** Width 22 ...

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[Application of molecular simulation to derive phase diagrams of binary mixtures](#) - all 2 versions »

CF Fan, BD Olafson, M Blanco, SL Hsu - Macromolecules, 1992 - [pubs.acs.org](#)

... Some important applications directly related to this subject include selection of solvent for a particular solute, **definition** of solvent mixing behavior ...

Cited by 50 - [Related Articles](#) - [Web Search](#)

[3D Shape Histograms for Similarity Search and Classification in Spatial Databases](#) - all 11 versions »

M Ankerst, G Kastenmuller, HP Kriegel, T Seidl - Proc. SSD, 1999 - Springer

... of the 2D examples, a single **bin** is marked ... However, the **definition** and computation of 3D sector ... Voronoi diagram but simply apply a **nearest neighbor** search in ...

Cited by 221 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Peptide models. 1. Topology of selected peptide conformational potential energy surfaces \(glycine ...\)](#) - all 2 versions »

A Perczel, JG Angyan, M Kajtar, W Viviani, JL ... - Journal of the American Chemical Society, 1991 - [pubs.acs.org](#)

... backbone interaction, and ignores, at least initially, the **nearest-neighbor** interaction, then ... Such a **definition** of the coordinates leads to a surface having ...


Cited by 91 - [Related Articles](#) - [Web Search](#)

[A note on design transformation and binning in nonparametric curve estimation](#) - all 5 versions »

P HALL, BU PARK, BA TURLACH - Biometrika, 1998 - Biometrika Trust

... transformation is closely related to **nearest neighbour** methods, introduced ... In the **definition** of the function class ... g^{γ} . Note particularly that **binning** has not ...

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- 2000

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J Puzicha, JM Buhmann, Y Rubner, C Tomasi - Computer Vision, 1999. The Proceedings of the Seventh IEEE Conference on Computer Vision and Pattern Recognition, 1999 - [ieeexplore.ieee.org](#)

... most bins. A partial solution is offered by **adaptive binning**, whereby the histogram bins are adapted to the distribution. The ...

Cited by 178 - [Related Articles](#) - [Web Search](#)

[On Locally Adaptive Density Estimation](#) - all 7 versions »

SR Sain, DW Scott - Journal of the American Statistical Association, 1996 - [questia.com](#)

... the right mode undersmoothed. The **adaptive binning** procedure appears to do a better job at estimating both modes. A second example ...

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[The Earth Mover's Distance as a Metric for Image Retrieval](#) - all 34 versions »

Y Rubner, C Tomasi, LJ Guibas - International Journal of Computer Vision, 2000 - Springer

... be regular. If the distribution of features of all the images is known a priori, **adaptive binning** can be used. Several measures ...

Cited by 363 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Estimation of mutual information using kernel density estimators](#) - all 3 versions »

YI Moon, B Rajagopalan, U Lall - Physical Review E, 1995 - APS

... Consequently, the size of the bin used can vary over the state space. This **adaptive binning** strategy is quite sophisticated for histogram estimation. ...

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